

ABSTRACT

An optical semiconductor device comprising an emitted beam branching section (61) which branches an emitted light beam from a laser device (51), a reflected light beam branching section (71) which branches a reflected light beam from an information recording medium (3) into light beams different from each other in focused state, servo signal sensing photodetectors (43, 45) which receive the branched reflected light beam in a defocused state, a first diffraction grating provided in the emitted light beam branching section for diffracting the reflected light beam having passed through the reflected light beam flux branching section, and a signal sensing photodetector (47) which receives the reflected light beam diffracted by the first diffraction grating.